

Methods for efficiently depositing small quantities of a protein containing fluid onto the surface of a substrate are provided. A feature of the subject methods is that the deposition process does not substantially modulate the protein activity/functionality of the deposited fluid. In practicing the subject methods, a small volume of fluid containing the protein(s) of interest is front loaded into a thermal inkjet device. Next, a small quantity of the front loaded fluid is expelled onto the surface of a substrate. The subject methods find use in a variety of different applications where the deposition of small volumes of a fluid containing a protein of interest is desired.